

SECRET

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[REDACTED]
FY-67 Quarterly Report No. 4

PAR 245

31 May 67

SUBJECT: BPE High-Magnification Lens Sets

TASK/PROBLEM

1. Design, fabricate, and test prototype optical systems to extend the Briefing Print Enlarger (prototype) PAR 243A upper limit magnification range from 60X to 140X - 160X.

DISCUSSION

2. During the quarter, fabrication of the condenser elements was completed.

3. Fabrication of the objective lens assemblies and the objective focusing assemblies has been in progress.

4. Fabrication of the condenser mechanical assemblies was initiated during the quarter.

PLANNED ACTIVITY

5. Accept delivery of the two objective lenses and their focusing assemblies. Test lens performance with substitute condenser assemblies on the BPE breadboard.

6. Complete fabrication of the deliverable condenser assemblies.

7. Deliver objective and condenser assemblies to the customer's plant. Adjust and make engineering tests of the assemblies on the prototype BPE in the customer's shop at his convenience.

Declass Review by NGA.

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